

**WHAT IS CLAIMED IS:**

1. An electric vacuum cleaner, comprising:

a vacuum cleaner body containing a motorized fan;

a floor suction tool;

5 a rotation brush in said floor suction tool;

a motor in said floor suction tool for rotating said rotation brush;

an air circulation exhaust path from said vacuum cleaner body to said floor suction tool;

said air circulation exhaust path including an air filter, whereby air in said

10 air circulation exhaust path is clean air;

electric lines from said vacuum cleaner body to said motor for rotating said rotation brush; and

said electric lines passing along said air circulation exhaust path, whereby said electric lines are protected from contaminants in air moving therewith.

15 2. An electric vacuum cleaner according to claim 1, wherein said air circulation exhaust path includes:

a flexible hose connected to said vacuum cleaner body;

at least one extension pipe connected between said flexible hose and said floor suction tool; and

20 said air circulation exhaust path passing from said vacuum cleaner body along said flexible hose and said at least one extension pipe to said floor suction tool.

3. A vacuum cleaner according to claim 1, wherein air in said air circulation exhaust path is directed in said floor suction tool toward said rotation brush in a direction to augment rotation of said rotation brush.

4. An electric vacuum cleaner according to claim 1, wherein:

5       said floor suction tool includes a suction tool body, a pivoting pipe movable up and down with respect to said suction tool body, a connection pipe pivotable in a circumferential direction with respect to said pivoting pipe;

      said air circulation exhaust path passing through said suction tool body, said pivoting pipe and said connection pipe;

10      said feeder lines passing along said pivoting pipe and said connection pipe;

      said feeder lines have a slack in the vicinity of said pivoting pipe and said connection pipe; and

      said slack exceeding a pivoting distance of said pivoting pipe and said connection pipe.

15      5. An electric vacuum cleaner according to claim 1, wherein exhaust air is guided to said rotation brush in a rotation direction of said rotation brush.

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